

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|---------|------------------|
| S1 | 3136 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 13:22 |
| S2 | 1 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and carrier adj offset and channel adj transfer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:56 |
| S3 | 88 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and multi adj1 carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 10:56 |
| S4 | 9 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and multi adj1 carrier and carrier adj2 offset | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 13:20 |
| S12 | 10 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and channel adj transfer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 13:23 |
| S13 | 4 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and channel adj transfer with estimat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 13:23 |
| S14 | 5 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and channel adj estimat\$3 and carrier adj2 offset with (estimat\$3 or calculat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:52 |
| S15 | 3 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and (compensat\$3 or adjust\$3) with channel adj estimat\$3 and carrier adj2 offset with (estimat\$3 or calculat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 15:36 |

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| S18 | 3 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and noise with inversely adj proportional | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 16:12 |
| S25 | 4 | ((("4679227") or ("5640431") or ("5818872") or ("6115433"))).PN. | USPAT; USOCR | OR | OFF | 2005/04/25 15:52 |
| S28 | 7 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and carrier adj frequency adj offset and channel adj estimat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:03 |
| S30 | 1 | multi adj1 carrier and noise with weight same inversely adj proportional | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 16:51 |
| S31 | 1 | (plural\$3 or multiple or many) adj3 carrier and noise with weight same inversely adj proportional | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 16:52 |
| S32 | 8 | (plural\$3 or multiple or many) adj3 carrier and noise with inversely adj proportional | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 16:53 |
| S33 | 3 | (plural\$3 or multiple or many) adj3 carrier and noise with inversely adj proportional with weight\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 16:54 |
| S34 | 3 | (plural\$3 or multiple or many) adj3 carriers2 and noise with inversely adj proportional with weight\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 16:54 |
| S35 | 5 | (plural\$3 or multiple or many) adj3 carriers2 and noise same inversely adj proportional with weight\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:40 |

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| S36 | 1 | (assign\$3 or match\$3 or associat\$3) with (factor or value or weight) with (carrier) and phase adj1 compensat\$3 with equaliz\$3 and phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:03 |
| S37 | 1 | (multi adj1 carrier) and phase adj1 compensat\$3 with equaliz\$3 and phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:04 |
| S38 | 1 | (multi adj1 carrier) and phase adj1 compensat\$3 with equaliz\$7 and phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:04 |
| S40 | 1 | (plural\$3 or many or multiple) adj5 carrier and phase adj1 compensat\$3 with equaliz\$7 and phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:05 |
| S41 | 1 | phase adj1 compensat\$3 with equaliz\$7 and phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:05 |
| S42 | 1 | phase adj1 compensat\$3 same equaliz\$7 and phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:05 |
| S43 | 1 | phase adj1 compensat\$3 same equaliz\$7 and phase adj1 metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:05 |
| S44 | 1 | phase adj1 compensat\$3 same equaliz\$7 and phase near metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:05 |

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| S45 | 1 | phase adj3 compensat\$3 with equaliz\$3 and phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:06 |
| S46 | 423 | phase adj3 compensat\$3 with equaliz\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:06 |
| S47 | 2 | phase adj3 compensat\$3 with equaliz\$3 and (assign\$3 or match\$3 or associat\$3) with (factor or value or weight\$3) with carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:07 |
| S48 | 2 | phase adj3 compensat\$3 same equaliz\$3 and (assign\$3 or match\$3 or associat\$3) with (factor or value or weight\$3) with carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:08 |
| S49 | 1 | phase adj3 compensat\$3 same equaliz\$3 and phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:08 |
| S50 | 1 | phase adj3 compensat\$3 same equaliz\$3 and phase adj metric\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:08 |
| S51 | 5 | phase adj3 compensat\$3 and phase adj metric\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:08 |
| S54 | 2 | (plural\$3 or multiple or many) adj3 carriers2 and phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:40 |

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| S57 | 6 | (plural\$3 or multiple or many) adj3 carrier\$2 and phase with metric and phase adj3 compensat\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:41 |
| S58 | 46 | phase adj metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:52 |
| S59 | 999 | phase with metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:52 |
| S60 | 469 | phase near5 metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:52 |
| S61 | 62 | phase near5 metric and phase adj4 compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:53 |
| S62 | 6 | phase near5 metric and phase adj4 compensat\$3 and (multiple or many or plurality) adj5 (carrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/25 17:53 |
| S63 | 62 | phase near5 metric and phase adj4 compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 10:09 |
| S64 | 2 | phase adj metric and phase adj4 compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 10:11 |

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|-----|----|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|-----|------------------|
| S65 | 43 | phase near3 metric and phase adj4 compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 10:11 |
| S67 | 5 | phase near3 metric and phase adj4 compensat\$3 and (multiple or plurality or many) adj4 carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 10:13 |
| S68 | 4 | ((("5838734") or ("6215819") or ("6304545") or ("6801586"))).PN. | USPAT; USOCR | OR | OFF | 2005/04/26 10:14 |
| S70 | 9 | carrier adj2 offset with phase adj1 compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 11:26 |
| S71 | 34 | channel adj estimate adj3 function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 11:27 |
| S72 | 2 | channel adj estimate adj3 function and multi adj1 carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 11:49 |
| S78 | 3 | channel adj estimate same function and OFDM and phase same metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 11:56 |
| S79 | 47 | channel same function and OFDM and phase same metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 11:56 |
| S80 | 35 | channel with function and OFDM and phase same metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 11:56 |

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|-----|--------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|----|-----|------------------|
| S81 | 7 | channel with function and OFDM and phase same metric and phase adj compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 11:57 |
| S82 | 925258 | channel with function and OFDM and phase same metric and phase near3 compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 11:57 |
| S83 | 18 | channel with function and OFDM and phase same metric and phase near3 compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 12:06 |
| S84 | 11 | channel adj estimate and OFDM and phase same metric and phase near3 compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 12:14 |
| S85 | 35 | channel with function and OFDM and phase same metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 12:50 |
| S87 | 5 | channel near transfer with function and OFDM and phase same metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 12:15 |
| S88 | 15 | channel adj3 function and OFDM and phase same metric | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 12:52 |
| S89 | 6 | channel adj3 function and OFDM and phase same metric same compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 12:52 |

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|------|----|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|-----|------------------|
| S92 | 11 | channel adj3 function and OFDM and metric same compensat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 13:00 |
| S93 | 6 | channel adj3 function and OFDM and metric same compensat\$3 same phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 13:12 |
| S100 | 2 | OFDM and phase adj3 (adjustment\$2 or compensat\$3 or error) same equaliz\$5 same channel adj3 function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/26 15:19 |
| S103 | 5 | channel near estimat\$3 same (divid\$3 or equaliz\$3) with (phase adj1 compensat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/27 09:49 |
| S105 | 5 | ((("5228082") or ("5282222") or ("2450456") or ("5487069"))).PN. | USPAT; USOCR | OR | OFF | 2005/04/28 16:23 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| S3 | 2 | (assign\$3 or match\$3 or associat\$3) and (plural\$3 or many or several) with weight\$3 near factor with carrier and multi near1 carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/27 15:22 |
| S4 | 3 | (assign\$3 or match\$3 or associat\$3) with weight\$4 near factor with carrier and multi near1 carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/27 15:23 |
| S5 | 9 | (assign\$3 or match\$3 or associat\$3) with weight\$4 near factor with carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/27 15:46 |
| S10 | 5 | PAM and (automatic near gain near control or AGC) same ((first and second) with range\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/27 15:48 |
| S11 | 277 | (calculat\$3 or estimat\$3) with carrier near frequency near offset | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 16:46 |
| S12 | 290 | (calculat\$3 or estimat\$3) with carrier near frequency near (offset or delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 16:46 |
| S13 | 3 | (calculat\$3 or estimat\$3) with carrier near frequency near (offset or delay) and (many or several or plural\$3) with (carrier) with (weight\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 16:47 |
| S14 | 5 | (calculat\$3 or estimat\$3) with carrier near frequency near (offset or delay) and (many or several or plural\$3) with (carrier) with (weight\$3 or factor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 16:48 |

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| S15 | 3 | (calculat\$3 or estimat\$3) with carrier near frequency near (offset or error) and (many or several or plural\$3) with (carrier) with (weight\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 16:49 |
| S16 | 17 | (calculat\$3 or estimat\$3) with carrier near frequency near (offset or error) and (many or several or plural\$3) with (weight\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:35 |
| S17 | 1 | (calculat\$3 or estimat\$3) with carrier near frequency near (offset or error) and (many or several or plural\$3) with (weight\$3) and channel near transfer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 16:50 |
| S18 | 2246 | (plural\$3 or many or several or multiples\$1) with (carrier) with weight\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:36 |
| S19 | 2 | (multi near1 carrier) near data with weight\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:36 |
| S20 | 2 | (multi near1 carrier near data) with weight\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:36 |
| S21 | 75 | (multi near1 carrier) with weight\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:36 |
| S22 | 634 | (plural\$3 or many or several or multiples\$1) near3 (carrier) with weight\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:41 |

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| S23 | 1 | (plural\$3 or many or several or multiples\$1) near3 (carrier) with weight\$4 with noise near power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:37 |
| S24 | 1 | (plural\$3 or many or several or multiples\$1) near3 (carrier) with weight\$4 same noise near power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:38 |
| S25 | 3 | (plural\$3 or many or several or multiples\$1) near3 (carrier) with weight\$4 and (weight\$4) with noise near power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:38 |
| S26 | 2 | (plural\$3 or many or several or multiples\$1) near3 (carrier) with weight\$4 and (weight\$4 and carrier) with noise near power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 17:38 |
| S30 | 185 | noise near power with weight\$4 | USPAT | OR | OFF | 2005/03/30 18:34 |
| S31 | 4 | noise near power with weight\$4 with (carrier\$2) | USPAT | OR | OFF | 2005/03/30 18:37 |
| S33 | 15 | noise near power with weight\$4 with (carrier\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 18:52 |
| S34 | 1080 | (match or assign\$3 or associat\$3) with (carrier) with (weight) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 18:54 |
| S35 | 4 | (match or assign\$3 or associat\$3) with (carrier) with (weight) and noise near power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 18:54 |
| S36 | 4 | (match or assign\$3 or associat\$3) with (carrier) with (weight) with noise | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 18:54 |

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| S37 | 11 | (match or assign\$3 or associat\$3) with (carrier) with (weight) same noise | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 18:59 |
| S39 | 1 | ((375/229).CCLS. or (375/219).CCLS. or (375/346).CCLS.) and (match or assign\$3 or associat\$3) with (carrier) with (weight) same noise | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 19:17 |
| S40 | 74332 | (noise with (estimat\$3 or calculat\$3) with signal) same4 (weight) with (carrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 19:18 |
| S41 | 6 | (noise with (estimat\$3 or calculat\$3) with signal) same (weight) with (carrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 19:30 |
| S42 | 935 | channel near estimat\$3 and phase near (error or estimate or compensation or offset) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/30 20:16 |
| S43 | 25 | weight\$3 adj factor with noise adj power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/05 16:00 |
| S44 | 3 | weight\$3 adj factor with noise adj power and multi near1 carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/05 16:00 |
| S45 | 16 | phase adj compensat\$3 with channel adj estimat\$3 | USPAT | OR | OFF | 2005/04/05 16:03 |
| S46 | 48 | phase adj compensat\$3 with channel adj estimat\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/05 16:03 |
| S52 | 4 | phase adj compensat\$3 with channel adj estimat\$3 same frequency adj offset | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/05 16:07 |
| S54 | 466 | carrier adj frequency adj offset\$1 | USPAT | OR | OFF | 2005/04/05 16:15 |

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|-----|-----|--------------------------------------------------------------|-------------------------------------------|----|-----|------------------|
| S55 | 720 | carrier adj frequency adj offset\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/05 16:15 |
| S79 | 1 | S75 and multicarrier | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/05 17:13 |
| S81 | 312 | weight\$3 with factor with carrier | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/05 17:18 |
| S82 | 12 | weight\$3 with factor with carrier and multi adj1 carrier | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/05 18:10 |
| S83 | 10 | weight\$3 with factor with carrier and multicarrier | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/05 17:18 |